THOMSON
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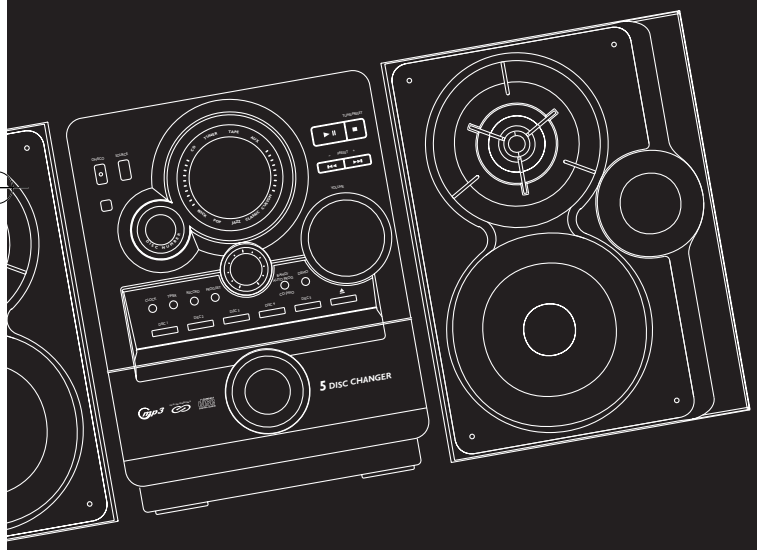
THOMSON

user
manual



CS520

It is important to read this instruction book prior to using your new product for the first time.

Safety Information

EN

For UK Only

CONNECT THE MAIN LEAD INTO A MAINS POWER SOCKET

POWER SUPPLY **230V**. It must not be connected to D.C. mains.

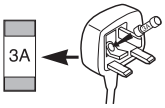
Note: The mains lead of the set is fitted with a molded plug. If the mains socket are not compatible or if for any reason the plug is removed please follow the directions below. The molded plug cannot be rewired and if removed must be disposed of safely.

DO NOT under any circumstances plug the severed plug into any mains socket as this could result in electric shock.

Important: If the plug is removed, rewire the new plug as follow:
The wires in the mains plug are colored in accordance to the following code:

BLUE = NEUTRAL / BROWN = LIVE
If the colors of the wires in the mains lead of this apparatus may not correspond with the colored markings identifying the terminals in your plug, proceed as follows:
BLUE wire to the terminal coded N (Neutral) or colored black.
BROWN wire to the terminal coded L (Live) or colored red.

DO NOT make any connection to the terminal in the plug which is marked by the letter E or by the earth symbol or colored green or green and yellow.



A fused plug must be fitted with a 3A fuse approved by ASTA or BS1362 and fuse covers must be always be securely replaced. If you set does not work, the fuse may be blown.

THE LIGHTNING FLASH AND ARROW-HEAD WITHIN THE TRIANGLE IS A WARNING SIGN ALERTING YOU OF "DANGEROUS VOLTAGE" INSIDE THE PRODUCT.	**CAUTION** RISK OF ELECTRIC SHOCK DO NOT OPEN CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK). NO USER-SERVICEABLE PARTS IN-SIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.	THE EXCLAMATION POINT WITHIN THE TRIANGLE IS A WARNING SIGN ALERTING YOU OF IMPORTANT INSTRUCTIONS ACCOMPANYING THE PRODUCT.
SEE MARKING ON BOTTOM / BACK OF PRODUCT		

WARNING: TO PREVENT FIRE OR ELECTRICAL SHOCK HAZARD, DO NOT EXPOSE THIS PRODUCT TO RAIN OR MOISTURE.

Safety Information

EN

CAUTION!

Invisible laser radiation when open. Avoid exposure to beam. Class 1 laser product. This system must be opened only by qualified technicians to prevent accidents caused by the laser beam.

LASER λ = 780 nm, P max = 5 mW
Rating Information: At bottom/rear of the unit.
This unit comply with the existing requirements

In accordance with the rating plate of the unit, this unit complies with current standards concerning electrical safety and electromagnetic compatibility.

Please respect the environment Before throwing any batteries away, consult your distributor who may be able to take them back for specific recycling.

Have a Blast- Just Not in Your Eardrums Make sure you turn down the volume on the unit before you put on headphones. Increase the volume to the desired level only after headphone are in place.

ADVARSEL!
USYNLIG LASERSTRÅLNING VED ÅBNING NAR SIKKERHEDSAFBRYDERE ER UDE AF FUNKTION. UNGDÅ UDSAETTELSE FOR STRÅLNING.
VORSICHT!
UNSICHTBARE LASERSTRALUNG
WENN ABDECKUNG GEÖFFNET UND SICHERHEITS–VERRIEGELUNG ÜBERBRÜCKT.
NICHT DEM LASERSTRAHL AUSSETZEN!

CAUTION – INVISIBLE LASER RADIATION WHEN OPEN AND INTERLOCKS FAILED OR DEFEATED. AVOID EXPOSURE TO BEAM.

ATTENTION – RAYONNEMENT LASER INVISIBLE DANGEREUX EN CAS D'OUVERTURE ET LORSQUE LA SECURITE EST NEUTRALISEE.
EXPOSITION DANGEREUSE AU FAISCEAU.

CLASS 1 LASER PRODUCT
LASER KLASSE 1
APPAREIL A LASER DE CLASSE 1
LUOKAN 1 LASERLAITE
KLASS 1 LASERAPPARAT

VARNING–
OSYNLIG LASERSTRÅLNING NÄR DENNA DEL ÄR ÖPPNAD OCH SPÄRRAN ÄR URKOPPLADE. BETRAKTA EJ STRÅLEN.
VARO!
AVATTAESSA JA SOUJALUKITUSOHITETTAESSA OLET ALTTIINA NÄKYMÄTTÖMÄLLE. LASERSÄTEILYLLE ÄLÄ KATSO SÄTEESEEN.

The descriptions and characteristics given in this document are given as a general indication and not as a guarantee. In order to provide the highest quality product possible, we reserve the right to make any improvement or modification without prior notice. The English version serves as the final reference on all products and operational details should any discrepancies arise in other languages.

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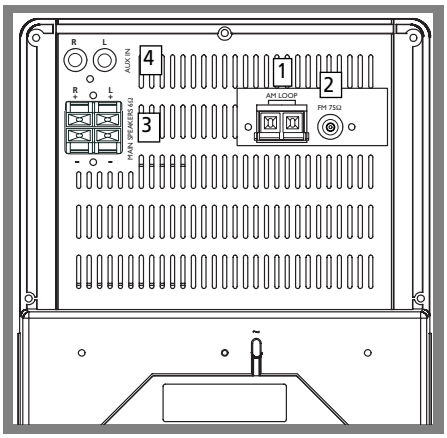
Getting Started

EN

Unpacking the system

You should have the following:
- one main unit (with 2 main speakers);
- one remote control;
- one FM antenna;
- one AM loop antenna;
- one user's guide;
- one Thomson Warranty Card

Back View



1. AM Loop antenna Jacks.
2. FM Antenna Connector.
3. Main Speaker Jacks.
4. Aux In.

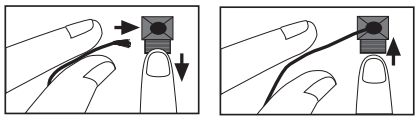
Using the FM and AM Antennas

Before you use your audio system, you'll want to make sure both the FM and AM antennas are positioned properly. Connect the FM antenna to the FM connector on the back of the unit. Uncoil it, making sure it is fully extended. (you may even want to tape it to the wall behind the unit if possible. The higher the better.)
You'll also need to connect the AM antenna loop to the back of the unit if you listen to AM stations. Rotate the AM loop antenna for better reception.

Connecting the Speakers

Match the red wire (on the left speaker) to red terminal for the left speaker (L) on the back of the unit and the black wire (on the left speaker) to the black terminal for left speaker (L). Follow the same procedure to connect the right (R) speaker.

Speaker Wire Connection



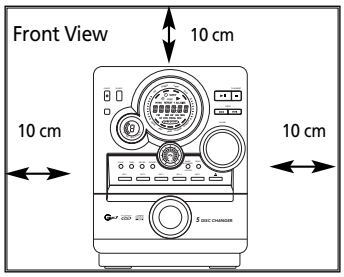
Push Speaker terminal tab down to insert wire.

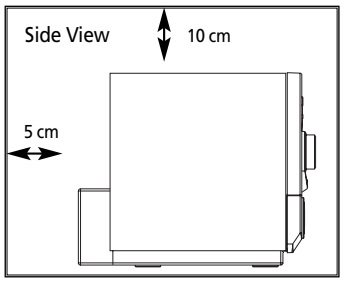
Release tab to lock wire in the terminal.

NOTE: Make sure the insulation is completely removed from the ends of the speaker wires at all connection points.

Installation

To ensure sufficient ventilation, keep the spacings shown below free from other surfaces:

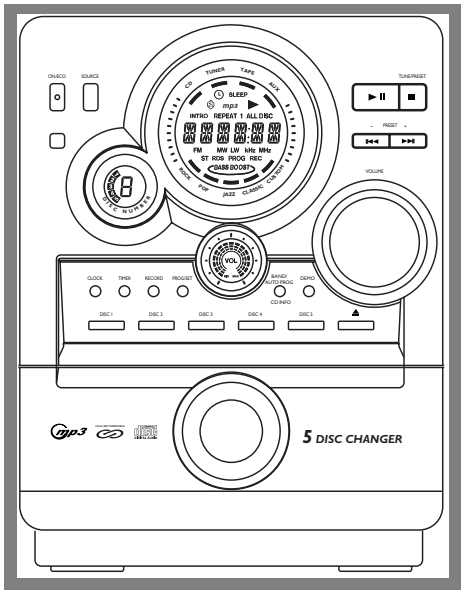




General Controls

EN

Main Unit



Front View

ON/ECO - Press and hold in standby mode to enter ECO (power saving, without clock display) mode. Press briefly to turn on and off the unit.

Tips:

In STANDBY mode (press **ON/ECO** off), the system displays the time. Press **ON/ECO** to turn the system on in the previously used mode. Press CD, TAPE, TUNER, or AUX (Remote only) to select the corresponding mode. Look at the display icons to identify the current mode.

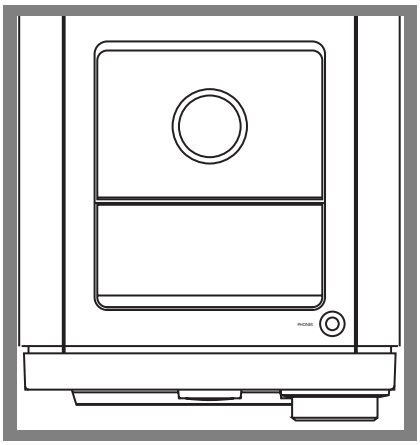
SOURCE - Selects among CD player, tuner, tape player and AUX.
CLOCK - Enters clock setting mode; shows clock time.
TIMER - Enters timer setting mode; Turns on/ off timer.
RECORD - Starts tape recording.
PROG/SET - Enters program mode for CD and Tuner.
In Clock and Timer setting mode - Applies new settings for Clock and Timer modes.
BAND/AUTO PROG/CD INFO - *In CD mode* - selects among displaying disc details.
In simple mp3 mode - Displays the total number of folders and total number of tracks on the current disc when playback is completely stopped; shows the current track number, current folder name and the total time of the current track during playback.
In Tuner mode - Changes among tuner bands. Enters auto preset program in FM mode.
DEMO - Turns the feature demonstration on or off.
DISC 1 / DISC 2 / DISC 3 / DISC 4 / DISC 5 - Direct access to the corresponding disc tray for playback.
OPEN/CLOSE ⏏ - Opens and closes disc compartment.
►II **PLAY / PAUSE** - *In CD mode* - Plays and pauses CD; *In Tape mode* - Plays and pauses tape playback.

General Controls

TUNE/PRESET ■ — *In CD mode* - Stops CD playback.
In simple mp3 mode - Returns to the first track on the current disc.
In Tuner mode - Sets tune or preset mode.
In Tape mode - Stops tape playback.
PRESET + / SKIP FORWARD ▶▶| - *In CD mode* - Goes to the next CD track; selects the next program location.
In Tuner mode - Tunes up radio frequency; selects the next preset station.
In Tape mode - Fast forwards tape.
In Clock or Timer mode - Increases hour and minute digit.
PRESET - / SKIP BACKWARD |◀◀ - *In CD mode* - Goes to the previous CD track; selects the previous program location.
In Tuner mode - Tunes down radio frequency; selects the previous preset station.
In Tape mode - Rewinds tape.
In Clock or Timer mode - Decreases hour and minute digit.
VOLUME - Adjusts volume.

Top View

PHONES — Jack for connecting headphones.

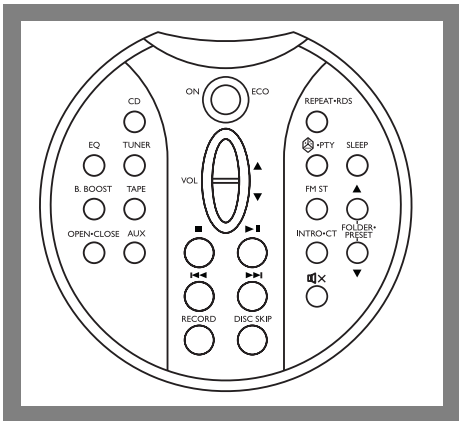


EN

General Controls

EN

Remote Control



ON/ECO - keep pressing briefly STANDBY mode to enter ECO (power saving, without clock display) mode.
EQ - Selects equalizer presets.
B. BOOST - Turns on or off Bass Boost.
OPEN•CLOSE - Opens and closes disc compartment.
CD - Selects CD player.
TUNER - Selects radio tuner.
TAPE - Selects tape player.
AUX - Selects external input.
REPEAT•RDS - Repeats a track, CD or all CDs in CD mode. When the radio is active, displays RDS information.
•PTY - Turns on/off random listening in CD mode. Selects search by program type in tune mode.
FM ST - Selects between stereo and mono sound in FM tuner mode.
INTRO•CT - Turns intro mode on or off to play the first 10 seconds of each track in CD mode. In tuner mode, shows RDS time.
MUTE - Mutes audio output.
SLEEP - Press to select the time interval in minutes before the unit turns off.
FOLDER•PRESET ▼ / ▲ - *In Simple mp3 mode*- Goes to the next and previous folder in stop mode.
In Tuner mode - Selects next/ previous preset station.
In Clock or Timer mode - Increases / decreases the hour or minute digit.
VOL ▼ or **▲** - Decreases or Increases volume level.
STOP ■ - *In CD mode* - Stops CD playback; In *Simple mp3 mode* - Returns to the first track on the current disc. *In program mode* - Clears program; *In Tape mode* - Stops tape playback.
PLAY/PAUSE ►▮ - *In CD mode* - Plays and pauses CD; *In Tape mode* - Plays and pauses tape playback.
SKIP BACKWARD ⏮ - *In CD mode* - Goes to the previous CD track and setting options; searches backward through CD; *In Tape mode* - Rewinds tape; *In Tuner mode* - Tunes down radio frequency.
SKIP FORWARD ⏭ - *In CD mode* - Goes to the next CD track and setting options; searches forward through CD; *In Tape mode* - Fast forwards tape; *In Tuner mode* - Tunes up radio frequency.
RECORD - Starts tape recording.
DISC SKIP - Skips to the next disc in CD mode.

General Controls

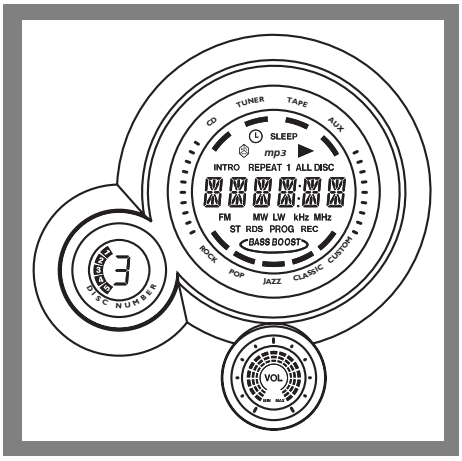
EN

Installing Batteries

The remote control must be inserted with 2 "AAA" or "UM-4" or "R03" batteries prior to use. Follow the steps below to ensure correct installation.

1. Remove the battery compartment door (located at the back of the remote control) by sliding the compartment door in the direction of the arrow and then lifting the door out and off the cabinet.
2. Before inserting the batteries, observe the polarities (that is, + and -) of the battery, then relate the polarities to the engraved diagram inside the battery compartment. Now insert the batteries.
3. After installation of the batteries, replace the battery compartment door in place by sliding it in the opposite direction of the arrow (the reverse of step 1).

Display



CD / TUNER / TAPE / AUX - indicates which mode the unit is currently at.
⏲ - Timer is activated.
SLEEP - Sleep is activated.
- Random playback is activated in CD mode.
mp3 - mp3 indicator.
► - Currently in playback mode.

INTRO - In CD mode, intro is activated so the first 10 seconds of each track will be played.
REPEAT 1 / REPEAT 1 DISC / REPEAT ALL DISC / ALL DISC - In CD mode, indicates the repeat option that is activated.
REPEAT 1 - Repeat track.
REPEAT 1 DISC - Repeat current disc.
REPEAT ALL DISC - Repeat all disc.
ALL DISC - Play all discs once.
FM / MW / LW - Radio band in tuner mode.
MHz / kHz - Radio frequency unit in tuner mode.
ST - In FM tuner mode, indicates stereo sound is selected.
RDS - RDS signal detected in tuner mode.
PROG - In program mode.
REC - In tape mode, indicates tape is recording.
BASS BOOST - X bass is activated.
FLAT / ROCK / POP / JAZZ / CLASSIC / CUSTOM - The preset equalizer currently selected.
VOL - Volume level indicator.
DISC 1,2,3,4,5 - The corresponding disc icon lights to show which disc compartment is loaded. The current playing disc will flash.

Settings

EN

Showing Demonstration

Press **DEMO** to turn on/off demonstration mode. The demonstration scrolls through all display operations.

Setting the Clock

1. Press and hold **CLOCK** until the hour flashes on the display.
2. Press **PRESET -** ⏮ or **PRESET +** ⏭ to set the hour and then press **CLOCK** to shift to minute digits.
3. Press **PRESET -** ⏮ or **PRESET +** ⏭ to set the minute.
4. Press **PROG/SET** to save settings and **STOP** ■ to quit setting.

Note:

When system is ON, you can press **CLOCK** to display the current time for about 2 seconds.

Setting the Timer

1. Press and hold **TIMER** until the ON and clock hour flashes on the display (ON - timer on time).
2. For setting time, press **PRESET -** ⏮ or **PRESET +** ⏭ on the main unit or **FOLDER•PRESET** ▼ or ▲ on the remote control to set the hour and then press **TIMER** to shift to minute digits.
3. Press **PRESET -** ⏮ or **PRESET +** ⏭ on the main unit or **FOLDER•PRESET** ▼ or ▲ on the remote control to set the minute.
4. Press **TIMER** to change to OF (timer off time) with clock time flashing. Repeat steps 2 & 3 for timer off time setting.
5. Press **TIMER** to select source. Press **PRESET -** ⏮ or **PRESET +** ⏭ on the main unit or **FOLDER•PRESET** ▼ or ▲ on the remote control to select between CD / TUNER / TAPE / REC TU.
   If REC TU is selected, select the preset station by pressing **PRESET -** ⏮ or **PRESET +** ⏭ on the main unit or **FOLDER•PRESET** ▼ or ▲ on the remote control.
6. Press **TIMER** to set volume. Adjust **VOLUME** control to select desired volume level.
7. Press **PROG/SET** to save settings.
   Press **STOP** ■ to quit setting.

The timer is automatically activated once timer setting is saved.

Activating the Timer

Press and release **TIMER** to turn on/off the alarm. The timer icon ⏲ is displayed when timer is activated.

Settings

EN

Sleep Mode

You can select the time interval in minutes before the unit turns off automatically.
Press **SLEEP** on the remote to select among OFF, 120, 90, 60, 45, 30, 15 and 5 minutes. (Remote Only)
The "SLEEP" icon lights on the display when sleep mode is activated.

View Remaining Sleep Time

When sleep is activated, press **SLEEP** once to view remaining sleep time.

Adjust Sleep Time

Press **SLEEP** again when the remaining sleep time is displayed to change sleep time.

Note:

Sleep is automatically de-activated when the unit is turned off.

Sound Features

Volume Control

Turn **VOLUME** on the main unit or press **VOL** ▼ or ▲ on the remote control to adjust volume level. The bars on the volume display increases and decreases to show the change in volume level.

BASS BOOST

Press **B. BOOST** on the remote control to turn on/off boosting the bass frequency. The BASS BOOST icon lights on the display when it is activated.

Muting Audio

Press **MUTE** on the remote to cut the sound. (Remote Only)

Using Preset Equalizer Curves

Press **EQ** on the remote control to toggle among FLAT, ROCK, POP, JAZZ, CLASSIC and CUSTOM. A black bar appears above the EQ indicator to show the current EQ setting (not available for FLAT).

Creating a Custom Curve

1. Press **EQ** to select CUSTOM mode.
2. While CUSTOM is displayed, press **PRESET -** ⏮ or **PRESET +** ⏭ on the main unit or **SKIP BACKWARD** ⏮ or **SKIP FORWARD** ⏭ on the remote control to cycle among displayed bass- and treble - range levels.
3. While BAS or TRE is displayed, adjust **VOLUME** to set the associated gain between -10 - +10.

CD Player

EN

Important CD and mp3 Information

This unit is compatible with CD-RW/ CD-R discs for playback.

Notes on CD-R/RW Disc:

- Do not affix any type of labels to either side (recordable or labeled side) of a CD-R/RW disc as this may result in the unit malfunctioning.
- To avoid damages to the CD-R/RW disc, do not open the disc compartment door while the disc is being read.
- Do not load an unrecorded CD-R/RW disc into the unit. This may take a longer time to read the disc.
- **Playback capability for CD-RW discs may vary due to variations in the quality of the CD-RW disc and the recorder used to create the disc.**

Notes on mp3 Disc:

- Use .mp3 as the extension when converting audio files into mp3 for saving onto CD-R(W) or CD-ROM, e.g. Abc08.mp3. Do not use any other extension e.g. .doc, .pdf.
- Do not use the .mp3 extension for other text or non-audio data files as this may result in serious malfunction and harmful noise interference.
- For better quality in mp3 disc playback, the CD quality should be recorded 128kbps or above.
- Disc data size > 650MB is not recommended.
- Total files should not exceed 412 and the total folders should not exceed 100. It also depends on the length of the file/folder names.
- For mixed mode discs, only one mode will be selected for playback depending on the recording format.
- To ensure good performance, wait until the disc changer completely reads the disc before proceeding.
- mp3 files in CD ROM EXTRA format disc cannot be recognized.

CD Player

Loading Discs

1. Press **SOURCE** repeatedly on the main unit or **CD** on the remote control to select CD mode.
2. Press **OPEN/CLOSE** ≜ to open the disc compartment.
3. Insert up to 5 discs with label face up.
4. Press **OPEN/CLOSE** ≜ again to close the disc compartment.

The occupied disc tray icons light and the current disc number shows on the display.
If the disc is a mp3 CD, the *mp3* icon lights on the display.

Note:

Be sure to remove all discs from the disc compartment before moving or transporting the unit!

Play and Pause Discs

Notes on Simple mp3 Playback:

- This unit is compatible with simple mp3 discs. Text information can not be show (e.g. ID3 tags, song name, album, artists, etc.).
- It is strongly recommended that you use a single folder structure for simple mp3 discs. If there are more than only layer of folders, the tracks may be rearranged. (Refer to pg. 17 for simple mp3 playback sequence)
- The first 100 folders from the first 8 folder levels can be read on this unit.
- The unit reads the first 412 files from each discs and the first 255 files in each folder.

- Press **PLAY/PAUSE** ►II in stop mode to begin playback.
- Press **PLAY/PAUSE** ►II during playback to to pause disc.Press again to resume.

Play and load simultaneously by:

1. Press **OPEN/CLOSE** ≜ to open the disc tray while a CD is playing.
2. Load/change discs for available trays.
3. Press **OPEN/CLOSE** ≜ again to close the tray.

Attention:

Do not push to force closing of the tray during CD playback or tray opening.

Stop Playback

During playback, press **STOP** ■ to stop playback.

Tips:

In completely stop mode for mp3 CDs, press **STOP** again to return to the first track of the current disc. The total number of tracks on the current disc is displayed (π).

CD Player

EN

Selecting a Disc

- Press **DISC 1**, **DISC 2**, **DISC 3**, **DISC 4**, or **DISC 5** on the main unit to directly access the corresponding disc.
- Press **DISC SKIP** on the remote control to skip discs.

Selecting Folders (mp3 CDs Only)

In stop mode, press **BAND / AUTO PROG / CD INFO** to enter folder mode.

- Press **FOLDER•PRESET** ▲ to go to the previous non-empty folder.
- Press **FOLDER•PRESET** ▼ to go to the next non-empty folder.

Searching Through a CD

- Press **SKIP BACKWARD** ⏮ / **SKIP FORWARD** ⏭ on the main unit or ⏮ or ⏭ on the remote control to skip to the previous or next track.
- Press and hold **SKIP BACKWARD** ⏮ / **SKIP FORWARD** ⏭ on the main unit or ⏮ or ⏭ on the remote control to search through a CD while it is playing.

CD Information

Press **BAND / AUTO PROG / CD INFO** repeatedly to view the following CD information:

- elapsed track time,
- the current track number (e.g. TRK 09),
- the current folder number (e.g. FLD 03) (simple mp3 CDs only),
- the total time of the current track (e.g. T04:16)

In stop mode for simple mp3 discs, press **BAND / AUTO PROG / CD INFO** to view Total Track (e.g. TT 200) and Total Folders (e.g. TF 03) on the current disc.

Sampling Tracks

Press **INTRO•CT** on the remote control to play the first 10 seconds of each track on the current disc, all discs in the tray, or turn intro mode off. INTRO is displayed when sampling is activated.

Repeat

Press **REPEAT•RDS** on the remote control to repeat the current track (REPEAT 1), current disc (REPEAT 1 DISC) , all discs (REPEAT ALL DISC), or turn repeat mode off (ALL DISC).

Random Playback

Press **•PTY** on the remote control to turn on/off random playback. The random icon is displayed when it is activated.
All the tracks on one disc will be shuffled and played once before shuffling and playing tracks from the next disc.

Note:

The first 99 tracks of each disc will be shuffled and played once before any of them is repeated.

Tips:

Random playback can be activated simultaneously with repeat 1 disc (randomly play tracks from one disc repeatedly) or repeat all discs (randomly play tracks from all discs repeatedly.).

CD Player

EN

Setting Up a CD Program

Tips:

You can create a program of up to 32 tracks.

1. While the CD player is stopped, press **PROG/SET** to enter program mode. The system displays the next available program number (-- -- P:01).
2. Press the corresponding disc number on the main unit or **DISC SKIP** on the remote control to select disc. Refer to the Disc Number display to see the disc that is selected.
3. Press **SKIP BACKWARD** ⏮ / **SKIP FORWARD** ⏭ on the main unit or ⏮ or ⏭ on the remote control to select track to enter into memory.
4. Press **PROG/SET** to save your settings.
5. Repeat steps 2 to 4 to store more tracks into program memory.

Note:

Only the first 99 tracks from each disc can be programmed.

Playing a Program List

While in PROGRAM mode , press **PLAY/PAUSE** ►II
If you are not currently in program mode, press **PROG/SET** to enter program mode before pressing **PLAY/PAUSE** ►II .

Display Program List

1. While the CD player is stopped, press **PROG/SET** to enter PROGRAM mode.
2. Press **PROG/SET** repeatedly to view each track assignment in the program list.

Edit Program List

1. Follow "Display Program List" steps until the location to be edited is displayed.
2. Repeat steps 2 to 4 under "Setting Up a CD Program " to edit the track to store into memory.

Clear Program Location

Press **PROG/SET** repeatedly until the program location to be cleared is displayed. Press and hold **STOP** ■ to clear.

Radio

EN

Selecting Tuner Band

1. Press **SOURCE** on the main unit or **TUNER** on the remote control to enter Tuner mode.
2. Press **BAND / AUTO PROG / CD INFO** to select between MW, LW or FM Radio band.

Tips:

Your audio system has 32 preset stations.

Tuning to a Station

Press **SKIP BACKWARD** ⏮ or **SKIP FORWARD** ⏭ to select frequencies.

Using Presets

The tuner can be in either TUNE or PRESET mode. When in PRESET mode, the PROG light is on.

- Press **TUNE/PRESET** to toggle TUNE and PRESET mode.
- Press **PRESET -** ▼ or **PRESET +** ▲ on the main system or **FOLDER•PRESET** ▼ or ▲ on the remote control to access the previous or next preset station. The display first shows the preset program number and after a few seconds, the frequency will be displayed. (FMPR:01 is FM preset 1)

Auto Preset Programming (FM only)

Press and hold the **BAND / AUTO PROG / CD INFO** button for 2 seconds to scan stations in FM band. The stations will then be stored as preset channels. A maximum of 32 stations can be stored. Beware of your preset channels being erased accidentally because the scanning and storing process is automatic upon pressing the button. You can stop the automatic scan by pressing any button, but the erased stations cannot be recovered.

Manually Setting Presets

1. Press the **TUNE/PRESET** button to enter TUNE mode.
2. Press **SKIP BACKWARD** ⏮ or **SKIP FORWARD** ⏭ to access the desired frequency.
3. Press the **PROG/SET** button once.
4. The most recently accessed program location will be displayed.
5. If a different program location is preferred, press **PRESET -** ▼ or **+** ▲ to move to the desired preset number (1-32).
6. Press **PROG/SET** to store the selected frequency at that preset.

Suppressing Stereo Signal

Press **FM ST** to toggle between FM mono and stereo mode. (Remote Only) "ST" is displayed in stereo mode.

Radio

Tuning to an RDS Station

Note:

RDS stations broadcast on FM only. When the tuner detects an RDS signal, the RDS icons turns on.

1. Press **TUNE/PRESET** to access preset station or press **SKIP BACKWARD** ⏮ or **SKIP FORWARD** ⏭ to desired frequency.
2. If RDS station found, RDS lights on display with station name shown.

Displaying RDS Station Information

Press **REPEAT•RDS** on the remote control repeatedly to display the following:

- frequency,
- station name (PS),
- station type (PTY),
- clock time (CT), or
- radio text (RT).

In CT mode, press the **INTRO•CT** key to replace the displayed time with RDS station time.

Searching by Program Type (PTY) (Remote Only)

1. Press • **PTY** to enter PTY selection
2. Press • **PTY** repeatedly to select a PTY mode.
3. Within 5 seconds, press **SKIP BACKWARD** ⏮ or **SKIP FORWARD** ⏭ to search for a station broadcasting the selected type of program.

You can search for stations using one of the following program types:

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- NEWS (news),
- AFFAIR (news and documentaries),
- INFO (weather, medical),
- SPORT (sports),
- EDUCAT (education),
- DRAMA (series and plays),
- CULTUR (religion),
- SCIENC (science and technology),
- VARIED (miscellaneous),
- POP M (pop music),
- ROCK M (rock music),
- MOR M (middle-of-the road music),
- LIGHTM (light music),
- CLASS (classical music),
- OTHERM (unclassified music),
- WEATHE (weather, medical),
- FINANC (stock market reports),
- CHILD (children's programs),
- SOCIAL (sociology, history, geography, psychology, society),
- RELIGI (any aspect of beliefs, faith and God or Gods),
- PHONE (public forum b phone),
- TRAVEL (feature and programs concerning travelling),
- HOBBY (recreational activities and leisure),
- JAZZ (jazz music),
- COUNTR (country music),
- NATION (national music),
- OLDIES (oldies music),
- FOLK M (folk music),
- DOCUME (documentaries),
- TEST,
- ALARM (alarm).

Tape Player

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Selecting Tape Player

Press **SOURCE** on the main unit or **TAPE** on the remote control to select tape mode.

Playing a Tape

1. In tape mode, press on the cassette door to open it.
2. Insert a tape into the door and push the door closed.
3. Press **SKIP BACKWARD** ⏮ / **SKIP FORWARD** ⏭ to position the tape to the desired starting position.
4. Press **PLAY** ▶⏸ to begin playback.
5. Press **PAUSE** ▶⏸ to pause playback.

Tape Counter

You can keep track of tape position with the tape counter. Press **PROG/SET** to reset.

Recording

From Tuner

1. Insert a tape into deck.
2. Press **SOURCE** repeatedly on the main unit or **TUNER** on the remote control to select Tuner .
3. Press **BAND** to access the desired radio band.
4. Press **SKIP BACKWARD** ⏮ or **SKIP FORWARD** ⏭ to tune to the station to be recorded.
5. Press **RECORD** to begin recording.
6. press **STOP** ■ to end recording.

From CD

1. Insert a tape into deck .
2. Press **SOURCE** repeatedly on the main unit to select CD then press **DISC SKIP** on the remote control or **DISC1 / DISC2 / DISC 3 / DISC 4 / DISC 5** on the main unit to select the disc to be recorded.
3. Press **SKIP BACKWARD** ⏮ or **SKIP FORWARD** ⏭ to select the track to be recorded.
   or
   Press **PROG/SET** to enter program mode.
4. Press **RECORD** to begin recording.
5. press **STOP** ■ to end recording.

From AUX

1. Insert a tape into tape deck.
2. Check that the auxiliary device has been connected correctly to the AUX connector on the back of the system.
3. Start playback on the auxiliary device.
4. Press **RECORD** to begin recording.
5. Press **STOP** ■ to end recording.

Troubleshooting Tips

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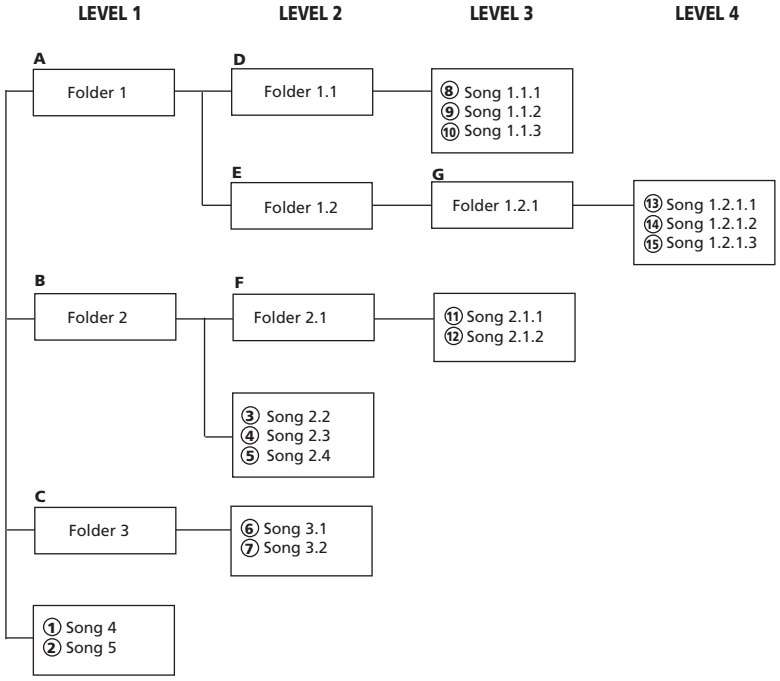
Problem	Solution
System will not turn on	• Check power cord for a secure connection. • Unplug the unit for a moment, and then plug into power source again. • Check the outlet by plugging in another device.
No sound	• Increase the volume setting. • Check connection to speakers. • Check that you have selected the appropriate function: CD, TAPE, Tuner. • Make sure mute is off. • Make sure headphones are not plugged in.
Poor radio reception	• Check antenna connection. • Move antenna. • Turn off nearby electrical appliances, such as hair dryer, vacuum cleaner, microwave, fluorescent lights.
CD does not play	• Check that CD is in the tray. • Check that CD label is facing up. • Check that PAUSE mode is not on. • Check that CD function is selected. • Use CD lens cleaner. • Clean the disc. • Try another CD.
Distorted or noisy tape recordings	• Inspect the tape heads, clean it if necessary.
CD sound skips	• Clean the disc. • Check disc for warping, scratches, or other damage. • Check if something is causing the system to vibrate. If so, move the system. • Make sure the speakers are at least 3 feet away or on a different surface from the main unit.
CD button will not respond, or does not change discs when you press DISC SKIP	• Switch to another function (TAPE, Tuner) and then back to CD.
Remote control does not work	• Check that the batteries are properly installed. • Replace weak batteries. • Check the system is plugged into power source. • Point the remote directly at the system's front panel. • Move closer to the system. • Remove any obstacles between the remote and the system.

Troubleshooting Tips

EN

Problem	Solution
mp3 playback sequence is out of order	• Check that the mp3 disc is created with a single folder structure. Refer to the diagram below for playback sequence details on multi-level folder structure. • For example, folders and songs from level 2 are played before moving on to play folders and songs from level 3.



Note:

- Folder playback sequence is indicated by the letters A to G.
- Song playback sequence is indicated by the numbers (1 to 15) in front of the song name.

Maintenance

Disconnect the audio system from the power source before performing any maintenance.

Cleaning

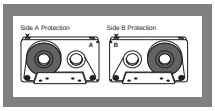
Clean the exterior of the system using a soft dust cloth.

CD Player

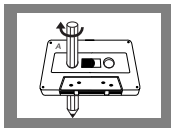
CAUTION! This system operates with a laser. It must be opened by only a qualified technician.

Tape Player

To prevent deterioration of sound quality, periodically open the door of each deck and clean the magnetic heads, pinch roller, and capstan with a cotton bud dipped in alcohol. Also, demagnetize the head by playing a demagnetizing cassette (available through an audio equipment store).



To protect recordings one or both sides of a tape, remove the corresponding tab. If you later want to record on the tape, affix a piece of adhesive tape over the hole.



Quit Slacking - A little bit of slack in your tapes can cause scratches on the tape, or worse yet, the tape could break. If you notice some slack in the tape, use a pencil to tighten it up before you insert it.

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Handling CDs

- Do not touch the signal surfaces. Hold CDs by the edges, or by one edge and the hole.
- Do not affix labels or adhesive tapes to the label surfaces.
- Do not scratch or damage the label. CDs rotate at high speeds inside the player.
- Do not use damaged (cracked or warped) CDs

Cleaning CDs

- Dirty CDs can cause poor sound quality. Always keep CDs clean by wiping them gently with a soft cloth from the inner edge toward the outer perimeter.
- If a CD becomes dirty, wet a soft cloth in water, wring it out well, wipe the dirt away gently, and then remove any water drops with a dry cloth.
- Do not use record cleaning sprays or antistatic agents on CDs. Also, never clean CDs with benzene, thinner, or other volatile solvents which may cause damage to disc surface

CD Lens Care

When your CD lens gets dirty it can also cause the system to output poor sound quality. To clean the lens you will need to purchase a CD lens cleaner which can maintain the output sound quality of your system. For instructions on cleaning the CD lens, refer to the ones accompanying the lens cleaner.

Important Information

EN

Safety Precautions

- Never open the cabinet under any circumstances. Any repairs or internal adjustments should be made only by a trained technician.
- Never operate this product with the cabinet removed.
- Do not use your System immediately after transporting it from a cold place to a warm place, as condensation may cause the system to malfunction.
- Keep your unit away from humid areas and abnormally hot places.
- Do not touch the player with wet hands. If any liquid enters the player cabinet, take the player to a trained technician for inspection.
- This compact disc player uses a laser to read the music on the disc. The laser mechanism corresponds to the cartridge and stylus of a record player. Although this product incorporates a laser pick-up lens, it is completely safe when operated according to directions.
- Discs rotate at high speed inside the player. Do not use damaged, warped, or cracked discs.
- Do not touch the pick-up lens which is located inside the disc compartment. To keep dust from collecting on the pick-up lens, do not leave the compartment door open for an extended period of time. If the lens becomes dirty, clean it with a soft brush, or use an air blower brush designed for camera lenses.
- The apparatus shall not be exposed to dripping and splashing.

Important Battery Information

- Remove the batteries to avoid leakage if you do not use your remote control for more than one month.
- Discard leaky batteries immediately as leaking batteries may cause skin burns or other personal injuries. Dispose of batteries in the proper manner, according to provincial and local regulations.
- Any battery may leak electrolyte under the following circumstances:
  - if mixed with a different battery type,
  - if inserted incorrectly,
  - if all batteries are not replaced at the same time,
  - if disposed of in fire, or
  - if an attempt is made to charge a battery not intended to be recharged.

Headset Safety

- Do not play your headset at high volume. Hearing experts warn against extended high-volume play.
- If you experience ringing in your ears, reduce volume or discontinue use.
- You should use with extreme caution or temporarily discontinue use in potentially hazardous situations.
  Even if your headset is an open-air designed to let you to hear outside sounds, do not turn up the volume so high that you are unable to hear what is around you.

Don't Infringe

This product should only be used for the purposes for which it is sold, that is, entertainment, violating no copyright law. Any attempts to use this product for which it is not intended is unlawful and therefore not condoned by Thomson.

Technical Specification

Power supply: 230V~50Hz
Dimensions (H x W x D mm):
Unit size - 265 x 200 x 325
Speaker - 268 x 200 x 212
Tape deck: Response curve: 125Hz-8kHz (-5dB)
CD player: Response curve (+/- 2dB): 60Hz to 5kHz
Rating Plate: Look for it at the back of the set.